

FDR-

Schedule XLV-Form No. 134

Baran

DIVISION

Kiratpur

SUB-DIVISION

M.B.No-10092

MEASUREMENT BOOK

प्रमाणित किया जाता है कि इसमापी पुस्तक में कुल 122 पन्ने हैं।
जिसे, श्री मोहन कुमार सामाजिक कार्य, विभाग, कार्य
अवर प्रमड मोहन कुमार के नाम से निबंधित किया जाता है।

Singh
22-08-19

Executive Engineer
R. W. D. Works Division
Bilaspur (Dharbhanga)

22/8/19

Sch. XLV-Form No. 134

Risoud DIVISION
Kawalpur SUB-DIVISION

Measurement Book

No. 1002

Name of officer Sri - Mohan Kumar
Singh, A E Kawalpur
Date of first entry _____
Date of last entry _____

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work—					
Detail Estimate for					
Restoration Under f.D.R					
for Jamalpur to Rasigan					
Road.					
Length = 13.98 km					
Agency—					
Date of measurement = 29.11.19					
① Labor for placing of					
Brick Bats with					
light masonry					
including G.S.T					
of Bricks bats					
at —					
Qty = 1st km at 100 cm					
Side wall $1 \times 2.50 \times 2.40 \times 0.50 = 2.50 \text{ m}^3$					
$1 \times 4.00 \times 1.50 \times 0.15 = 0.90$					
at 200 m					
$1 \times 3.50 \times 1.40 \times 0.15 = 0.735$					
$1 \times 2.60 \times 2.10 \times 1.40$					
$\times 0.20 = 0.806$					
at 500 cm					
$1 \times 5.50 \times 1.60 \times 1.40$					
$\times 0.25 = 1.787$					
Continuation					ms
Total = 6.728 m ³					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
At ch- 500 m					
	1x	2.25	1.50	0.20	0.675
at ch- 550.00 m					
	1x	3.20	1.50	0.45	2.43
	1x	8.30	2.25	0.15	2.80
	1x	6.30	1.80	0.075	0.85
2nd phase -					
	1x	2.50	2.00	0.50	2.50
at 200.00 m					
	1x	8.00	0.60	0.15	0.72
Durga - Manali -					
	1x	6.00	0.90	0.15	0.81
	1x	2.10	1.20	0.15	0.378
	1x	1.50	0.90	0.15	0.202
	1x	5.90	1.50	0.15	1.28
	1x	2.10	1.00	0.15	0.315
	1x	6.00	1.20	0.15	1.08
	1x	6.90	1.50	0.15	1.55
At ch- 500.00					
	1x	5.75	1.80	0.45	4.65
	1x	1.80	1.50	0.40	1.08
	1x	2.40	2.10	0.30	1.50
Rain cuts -					
	2x	1.50	1.50	0.45	2.02
	1x	3.00	1.60	0.30	1.44

Continuation

Total ~~5.8~~ = 33.008 m³

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Continuation

$$15.78 = 64.953$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Atch	1865	0.00	m		
	1x	4.60	$\times 1.50$	$+ 0.50$	
				$\times 0.20 = 0.92 m^3$	
	1x	8.00	$\times 1.10$	$\times 0.30 = 2.64$	
Rain Cuts-	1x	2.70	$\times 1.75$	$\times 1.00 = 4.725$	
	1x	7.20	$\times 1.20$	$\times 0.30 = 2.592$	
	1x	4.50	$\times 1.30$	$\times 0.25 = 1.462$	
	1x	6.50	$\times 3.90$	$\times 0.20 = 5.07$	
	1x	4.00	$\times 0.60$	$\times 0.20 = 0.48$	
Atch 2.00 km					
	1x	3.00	$\times 0.15$	$\times 0.15 = 0.067$	
2nd phase					
	1x	7.50	$\times 1.50$	$\times 0.15 = 1.687$	
	1x	5.40	$\times 2.40$	$\times 0.15 = 1.944$	
	1x	6.90	$\times 0.75$	$\times 0.15 = 0.776$	
Rain Cuts-	1x	3.30	$\times 0.90$	$\times 0.15 = 0.445$	
	1x	0.90	$\times 1.20$	$\times 0.45 = 0.486$	
	1x	4.50	$\times 0.90$	$\times 0.15 = 0.607$	
	1x	5.70	$\times 1.20$	$\times 0.15 = 1.026$	
	1x	1.80	$\times 1.20$	$\times 0.15 = 0.324$	
R. Cuts-	1x	1.20	$\times 1.20$	$\times 0.40 = 0.576$	
	1x	10.00	$\times 1.80$	$\times 0.60 = 3.60$	
	1x	1.80	$\times 1.20$	$\times 0.25 = 0.54$	
	1x	1.50	$\times 0.90$	$\times 0.45 = 0.32$	
	1x	1.80	$\times 1.20$	$\times 0.40 = 0.86$	
	1x	2.70	$\times 1.80$	$\times 0.60 = 2.916$	

Continuation

$$\text{Total} = 99.016 m^3$$

$$B.f.s = 99.016 \text{ m}^3$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Rain cuts-	1x	2.10	2.40	0.15	0.756
	1x	3.30	3.60	0.15	1.485
3rd k.m.					
At-2.10 km	1x	5.60	0.60	0.15	0.45
	1x	2.70	2.20	1.60	9.504
At-2.40 k.	1x	4.50	1.10	0.30	1.485
	1x	4.60	0.90	0.30	1.08
	1x	1.50	0.50	0.15	0.112
At-2.45 km					
	1x	6.50	1.80	0.15	1.755
	1x	2.50	3.50	0.20	1.75

At-2.60 km					
	1x	7.60	1.60	0.15	1.05
	1x	6.70	0.80	0.15	0.80
At 2.65 -	1x	7.60	1.60	0.15	1.05
2.70 -	1x	6.50	1.60	0.15	0.975
	1x	2.50	0.80	0.30	0.60
	1x	5.60	0.50	0.30	0.84
At 3.00 km					
	1x	6.60	0.90	0.30	1.60

2nd phase -

R. Cuts-	1x	1.50	0.90	0.45	0.607
	1x	1.80	1.20	0.40	0.864
	1x	1.50	0.90	0.45	0.607
	1x	2.10	1.50	0.50	1.575

Continuation

$$T_o + u.f.s = 127.961 \text{ m}^3$$

6.70 126.21 m²

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3rd 1 km —					
	1x	3.30	1.20	0.15	= 0.594
	1x	3.60	2.40	0.15	= 1.296
R. cuts —	1x	1.50	1.20	0.50	= 0.90
	1x	3.40	1.80	0.15	= 0.81
	1x	1.80	0.90	0.15	= 0.243
"	1x	1.90	1.20	0.45	= 1.026
	1x	6.00	1.80	0.15	= 1.62
	1x	3.40	0.90	0.15	= 0.405
Atch-2.9 km —					
	1x	1.20	0.90	0.5	= 0.54
	1x	1.20	1.30	0.45	= 0.702
fourth km —					
4.10 —	1x	9.60	0.50	0.15	= 0.675
	1x	10.60	1.60	0.15	= 1.50
4.40 —	1x	3.20	1.60	0.15	= 0.48
	1x	17.60	1.60	0.20	= 3.40
4.50 —	1x	6.30	1.20	0.20	= 1.51
	1x	5.60	2.60	1.60	= 16.60
4.70 —	1x	4.80	3.20	1.60	= 15.36
	1x	5.30	2.50	0.20	= 2.65
4.90 —	1x	10.60	1.60	0.30	= 3.60
	1x	4.60	2.60	0.30	= 2.40
	1x	6.20	1.50	0.30	= 2.79
5.00 km	1x	13.60	0.60	0.15	= 1.17
5.20 km	1x	3.60	1.60	0.30	= 0.90

Continuation

Total = 186.182 m²

$$B.T.S = 186.182 \text{ m}^2$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
R. Cuts	1x	1.80	1.80	1.10	3.564
5.35-	1x	6.40	1.50	0.30	2.88
R. Cuts-	1x	3.00	2.00	1.20	7.20
	1x	3.10	3.50	0.50	5.42
	1x	10.00	1.00	0.15	1.50
5.60-	1x	2.10	1.00	1.20	2.54
R. Cuts-	1x	17.00	0.50	0.70	5.95
	1x	3.00	2.20	2.40	
				2	
				x 1.3	8.19
	1x	4.00	5.00	0.25	3.00
	1x	5.30	2.30	0.30	3.65
5.80-	1x	3.00	1.00	0.50	1.50

6.00-	1x	3.10	1.25	0.55	2.13
6.20-	1x	4.00	2.00	0.60	4.80
6.40-	1x	3.00	1.30	0.50	1.95
	1x	3.00	1.00	0.10	0.30
6.45-	1x	3.00	1.00	0.60	1.80
6.60-	1x	2.00	1.50	0.45	1.35
	1x	7.00	3.00	0.20	4.20
6.80-	1x	4.00	2.00	0.15	1.20
	1x	4.20	1.00	0.10	0.42
	1x	7.00	1.20	0.10	0.84
	1x	4.10	3.90	0.10	1.59
6.90-	1x	5.00	2.50	0.10	1.25
7.00-	1x	2.50	1.50	0.15	0.5625
	1x	4.20	1.20	0.60	3.02

Continuation

$$Total = 256.9885 \text{ m}^2$$

$$S.F. \frac{Q}{37} = 256.9885 m^3$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
At 7.00 Km	1x	3.70	0.80	0.40	1.184
	1x	2.00	0.90	0.50	0.90
	1x	2.40	0.75	0.40	0.912
7.30 -	1x	3.00	2.50	0.10	0.78
	1x	5.50	2.60	0.10	1.43
7.70 -	1x	6.20	1.00	0.10	0.62
R. Cutg	1x	3.00	1.50	0.80	3.60
	1x	2.80	2.10	0.60	3.528
7.90 -	1x	4.50	1.50	0.50	3.375
	1x	10.00	0.70	0.10	0.70
	1x	4.00	1.80	0.50	3.60
8.30 -	1x	4.50	1.00	0.10	0.45
	1x	3.00	2.00	0.25	1.50
8.90 -	1x	5.00	3.50	X	
		$(1.00 + 0.30) / 2 = 11.375$			
	1x	9.00	1.50	0.20	2.70
	1x	10.00	3.00	$\frac{1.50}{2}$	
				$\times 0.30 = 6.75$	
R. Cutg -	1x	3.00	1.50	0.75	3.375
At - 9.20	1x	5.00	1.50	1.10	8.25
	1x	17.00	1.40	0.30	7.14
9.50 Km	1x	3.50	1.00	0.30	1.05
	1x	5.00	2.00	0.25	2.50
	1x	10.00	2.50	0.30	7.50
9.70 -	1x	3.00	1.50	0.20	0.90
	1x	6.00	2.00	0.15	1.80

Continuation

$$Total = 332.8875$$

B.F. = 332.8875 m³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
At - 10.20	1	4.00	2.00	0.30	2.40
At - 10.30	1	9.00	3.00	0.30	8.10
At - 10.40	1	7.50	1.00	0.20	1.50
	1	4.50	2.00	0.30	2.70
	1	5.00	2.50	0.30	3.75
10.600 -	1	2.00	1.00	0.15	0.30
11.50 -	1	13.00	1.00	0.20	2.60
	1	3.00	2.50	0.30	2.25
At - 11.800					
R. Cuts	1	6.00	2.00	1.50	18.00
	1	7.00	1.00	0.20	1.40
	1	14.00	2.00	0.25	7.00
R. Cuts -	1	2.30	1.50	1.25	4.31
	1	2.00	1.00	0.30	0.60
At - 12.20	1				
R. Cuts -	1	5.00	2.00	1.10	11.00
	1	3.50	1.50	0.30	1.575
	1	2.00	1.00	0.30	0.60
	1	3.00	1.40	0.15	1.05
	1	3.50	1.00	0.30	1.05
At - 12.600					
	1	5.00	1.50	0.20	1.50
	1	9.50	1.00	0.25	2.375
At - 12.900					
	1	3.50	1.50	2.00	1.05
	1	2.00	1.00	0.20	0.40

Continuation

Total = 408.3975 m³

$$B.f.g = 408.3975 \text{ m}^3$$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
At-12.900 —					
	1x	6.00	2.00	0.20	= 2.40
	1x	21.00	1.50	0.20	= 6.30
	1x	3.00	1.50	0.25	= 1.125
At-13.520 —					
	1x	5.00	2.00	0.15	= 1.50
	1x	2.20	1.00	0.15	= 0.33
Total					= 420.0525
					m ³
29.11.19					
J. E.					
K. E.					
29.11.19					
A. E.					

of cost -

Sch. XLV-Form No. 134 40 of Cost -

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